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(54) INK JET RECORDING HEAD AND MANUFACTURE THEREOF

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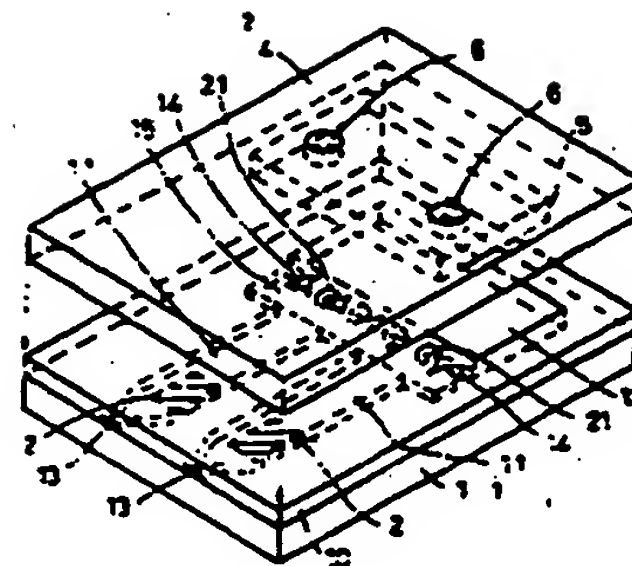
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PURPOSE: To provide the above ink jet recording head and manufacture thereof wherein clogging of a delivery port and liquid channel does not occur and feeding characteristics of ink to the liquid channel and delivery characteristics from the delivery port are good and mass-production of the ink jet recording head can be easily carried out.

CONSTITUTION: Fillers having three-dimensional shape such as whiskers 14 are provided in a common liquid channel 15 constituting a section in communication with a liquid chamber 12 of a liquid channel 11. This ink jet recording head is produced by a method wherein a solid layer 3 made up of removable material is superposed on an area corresponding to the channel 11, chamber 12, and channel 15 on a first substrate 1 and further packing materials 10 are superposed and then the layer 3 is removed. In that case, fillers having three-dimensional shape such as whiskers 14 are mixed into the solid layer 3 in the area corresponding to the channel 15.



2: delivery energy generating element, 4: second substrate,
5: recess, 6: liquid feed port, 13: delivery port, 11: column

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